

BUFR templates

ecCodes provides a simple way to define the structure of a BUFR message using the key "bufrTemplate". Here are all the available values for this key:

Template name	Unexpanded descriptors
AatsrSeaSurfaceTemperature	312045
AscatL1b	312058
AscatL1bL2	312061
Atms	310061
AtovsAmsuA	310009
AtovsAmsuB	310010
AtovsChannel	310012
AtovsFieldOfView	310011
AtovsHirs	310008
Avhrr	310013
Cris	310060
Hirs	312014
Iagos	311011
IasiL1c	340007
Meris	312050
MeteosatRadiance	310015
MipasOrGomos	310030
MsgRadiance	310016
OmpsNadirProfile	310065
OmpsTotalColumn	310065
Quickscat	312026
SaraAltika	340011
SatelliteRadioOccultation	310026
SeawindsQuickscat	312028
Siral	312071
Smos	312070
SsmisTemperature	310025
Trackob	308010
Viirs	310062
WigosAmdar	311010
XbtTemperatureProfile	315004
aerosolOpticalThickness	310064
aircraftAscentDescentProfile	311009
aircraftReport	311001
aircraftReportWithSecondsAndPressure	301051,4006,7002,10004,12001,11001,11002,11031,11032,11033,20041

amdar	311005
climat	307073
driftingBuoys	315009
microwaveSoundingUnit	312016
mooredBuoys	315008
oceanCrossSpectraWvs	312051
oceanWaveSpectra	312053
pilotHeightCoordinate	309051
pilotPressureCoordinate	309050
radarAltimeter	312022
radarAltimeter2	312052
seaSurfaceTemperature	310063
snow	307101
stratosphericSoundingUnit	312018
subSurfaceProfilingFloats	315003
surfaceObservationOneHour	307091
synopLand	307080
synopLandFromCoastalAndIslandStations	307079
synopMobil	307090
synopOneHour	307096
temp	309052
tempDrop	309053
waveScatterometer	312020
waveScatterometerEnhanced	312024
windScatterometer	312021